

DESCRIPTION OF POPULATION ESTIMATES FOR LATEST YEAR
GIVEN IN THIS QUESTIONNAIRE

In order that the description of national population series on file in the Statistical Office of the United Nations may be as up to date and complete as possible, it is desirable to provide for confirmation or revision of the method of their construction. The questions below relate to coverage of data; and method of estimation. It is requested that a check mark (x) be made in the box following the words which best describe the estimates in terms of these questions.

1. COVERAGE OF DATA

In conformity with definition given on page 2, estimates should relate to de facto population. In order to clarify the exact composition of the population, please indicate in the following check box the exact disposition of each disposition of each group listed, using "IN" for included; "EX" for excluded. Specify years to which description refers.

	Estimated total for 2000
(a) Nomads
(b) Persons living in remote areas	IN
(c) Military, naval and diplomatic personnel and their families located outside the country	IN
(d) Merchant seamen and fishermen resident in the country but at sea at the time of the census (including those who have no place of residence other than their quarters aboard ship)	IN
(e) Civilian residents temporarily in another country as seasonal workers	IN
(f) Civilian residents who cross a frontier daily to work in another country	IN
(g) Civilian residents other than those in (c), (e), and (f) working in another country	IN
(h) Civilian residents other than those in (c)-(g), temporarily absent from the country	IN
(i) Foreign military, naval and diplomatic personnel and their families located in the country	EX
(j) Civilian aliens temporarily in the country as seasonal workers	EX
(k) Civilian aliens who cross a frontier daily to work in another country	EX
(l) Civilian aliens other than those in (i), (j), and (k) working in another country	EX
(m) Civilian aliens other than those in (i)-(l), temporarily in country	EX
(n) Transients on ships in harbour at the time of the census	EX

Note Resident Population refer to all citizens and PRs who have a valid local address in Singapore.
Total Population refers to Resident Population and foreigners living or working in Singapore for at least 1 year.

2. METHOD OF ESTIMATION

a) Total population

Estimates of total population for a country as a whole may be constructed by a variety of means. Please indicate by a check mark (X) the method used in constructing the latest population estimate for (date) 30 June 1998, indicating the "base data" and the "method of time adjustment" in accordance with the components of the code described in the "Technical Notes" of each Demographic Yearbook (pages 9-10 of the 1968 issue) and reported below:

Base Data

- | | | | |
|----|--|-------------------------------------|-------------------------------------|
| 1) | Continuous population register | <input checked="" type="checkbox"/> | |
| 2) | Complete census taken (date) | | <input type="checkbox"/> |
| | i) population actually enumerated | | <input type="checkbox"/> |
| | ii) population adjusted to take account of ____% underenumeration | | <input type="checkbox"/> |
| 3) | Sample survey taken (date) _____ | | <input type="checkbox"/> |
| 4) | Partial census taken or partial registration (date) <u>30 June 2000</u>
(Please describe) <u>20% Census sample for detailed characteristics of population</u> | | <input checked="" type="checkbox"/> |
| 5) | Non-censal count of (date) _____
(describe method) _____ | | <input type="checkbox"/> |
| 6) | Conjectual estimate derived by means other than counting
(describe method) _____ | | <input type="checkbox"/> |

METHOD OF TIME ADJUSTMENT

- | | | |
|----|--|-------------------------------------|
| 1) | Base data secured annually by population register | <input type="checkbox"/> |
| 2) | Applying statistics of births and deaths (natural increase), and migration | |
| | i) Registered vital statistics | <input checked="" type="checkbox"/> |
| | ii) Vital statistics adjusted for incompleteness | <input type="checkbox"/> |
| 3) | Applying statistics of births and deaths (natural increase), but no account taken of migration | |
| | i) Registered vital statistics | <input type="checkbox"/> |
| | ii) Vital statistics adjusted for incompleteness | <input type="checkbox"/> |
| 4) | Extrapolating mathematically from censuses taken (dates) _____, _____, _____,
and _____. Please give formula: _____ | |

- 5) Applying an assumed rate of increase, not derived by mathematical extrapolation or interpolation but based on :
- i) Assumption with respect to mortality, fertility, migration
 - ii) Assumption with respect to mortality, fertility, but no account taken of migration
 - iii) Other assumed rate
- If (i), (ii) or (iii) is checked, please give rate used, and describe how obtained : _____

- 6) No time adjustment (base figure held constant)
- 7) Other (explain) _____

b) Population by age and sex

Estimates of population according to age and sex are assumed to be constructed on the same base data as are the total estimates. However, certain additional factors may be involved in the case of those age distributions estimated from census enumerations or from sample surveys. Please indicate below the adjustments(s) made in the basic age distribution used to construct estimates shown in Tables 2 and 4.

Adjustments in base

- i) None-based on population actually enumerated at various ages or estimated from survey results
- ii) Enumerated population or population estimated from survey results adjusted to take account of underenumeration at various age
- iii) Base age distribution "smoothed", i.e. adjusted to remove effects of digit preference in age reporting

Method of time adjustment

Distribution of estimated population according to age and sex may also be made by same methods as used to obtain the projection of the total figure, or it may be derived by distributing the estimate according to the percentage of population in each age-sex group at time of census. Please indicate below the method used in constructing the age-sex distribution of the latest estimate shown in Table 2.

- (1) Applying actual or assumed natural increase and migration
- (2) Applying actual or assumed natural increase alone
- (3) Distributing the total estimate according to percentage of population in each age-sex group at time of census of sample survey
- (4) By other means (describe) _____

Disposition of unknown age

If frequency in unknown age category of tables 2 and 4 is zero, please indicate below whether;
 in the preparation of the estimates:

- 1) An age has been assigned to persons for whom age did not appear in the census or sample survey
- 2) Frequency in unknown age category has been distributed proportionately among known ages for mortality statistics
- 3) The frequency of unknown age appearing the census or survey was zero Since Date of Birth is obtained from population register

c) Urban and rural population, and the population of cities.

Post-censal estimates of the urban and rural population, or the population of individual cities, can be made in various ways. In some countries continuous population registers permit the up-dating of local population estimates according to registered balances of births, deaths, and changes of residence. In some countries, perhaps, periodic surveys permit the up-dating of urban or city population estimates. In some countries, in relation to post-censal estimates of total population, estimates of urban, or city population may be determined by an extrapolation of the percentage of urban in total, or city in urban, population. In some countries, urban and city population may be determined on the basis of rates of growth of urban or city, population observed over a past period, by assuming such rates of growth to continue. Other methods are also possible. Please indicate below the method used in making post-censal estimates of urban and rural, or of city population.

	<u>Urban population</u>	<u>City* population</u>
1) Population registers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2) Surveys, other than a census	<input type="checkbox"/>	<input type="checkbox"/>
3) Extrapolation of percentage	<input type="checkbox"/>	<input type="checkbox"/>
4) Observed rate of growth, assumed to continue....	<input type="checkbox"/>	<input type="checkbox"/>
5) By other means (describe) _____		

* Not Applicable

Bibliography of Demographic Statistics

In order to bring up to date the bibliographical information you kindly supplied with last year's questionnaire, please list below publication which have become available since that time or are to be issued in the near future which contain results of your latest population census or survey, and current statistics on population estimates, vital statistics and international migration.

This information is being requested for the purpose of compiling and maintaining a current bibliography of demographic statistics. The citations should, therefore, be in a form suitable for reference purposes, that is, the title, issuing agency or author, place, date of publication and number of pages should be given.

Example: Demographic Yearbook, 1967, United Nations, New York, 1968, 778 pp.

1. Report on Registration of Births and Deaths, 1999, Registry of Births and Deaths, Singapore Immigration and Registration, Singapore, 87 pages.
2. Statistics on Marriages and Divorces, 1999, Department of Statistics, Singapore, 97 pages.
3. Singapore Annual Report on Tourism Statistics, 1999, Singapore Tourism Board, Singapore, 60 pages.
4. Singapore 1999 Statistical Highlights, 77 pages.
5. Singapore Census of Population 2000, A Quick Count, 10 pages
6. Singapore Census of Population 2000, Advance Data Release No. 1 - Changing Education Profile, 7pages
7. Singapore Census of Population 2000, Advance Data Release No. 2 - Religion, 8 pages
8. Singapore Census of Population 2000, Advance Data Release No. 3 - Literacy and Language, 8 pages
9. Singapore Census of Population 2000, Advance Data Release No. 4 - Economic Characteristics of Singapore Resident Population, 11 pages
10. Singapore Census of Population 2000, Advance Data Release No. 5 - Mode of Transport, 8 pages
11. Singapore Census of Population 2000, Advance Data Release No. 6 - Households and Housing, 10 pages
12. Singapore Census of Population 2000, Advance Data Release No. 7 - Household Income Growth and Distribution, 7 pages
13. Singapore Census of Population 2000, Advance Data Release No. 8 - Marriage and Fertility, 8 pages
14. Singapore Census of Population 2000, Advance Data Release No.9 - A Decade of Progress, 9 pages
15. Yearbook of Statistics, Singapore 2000, 277 pages.